CATALOGUE

OF THE

TRUSTEES, FACULTY AND STUDENTS,

OF THE

University of North Carolina,

1875-'76.

RALEIGH, N. C.:
NEWS PUBLISHING COMPANY.
1876.

Digitized by the Internet Archive
in 2013

http://archive.org/details/catalogueoftrust1876univ

CALENDAR FOR 1875—'76-'77.

1875.	
Sept. 6	Beginning of the First Term.
" 15.....	Addresses at the Re-opening of the University.
Dec. 16.....	End of the First Term.
1876.	
Jan. 6.....	Beginning of the Second Term.
May 20.....	Competitive Examinations for the Latin and Chemistry Prizes.
" 28.....	Baccalaureate Sermon.
" 29 & 30.....	Examinations of Candidates for Matriculation.
" 30.....	Meeting of the Board of Trustees.
" 31.11 A.M	Address before the Literary Societies.
" 31.4 P.M	Address before the Alumni.
" 31.7½ "	Orations by the Representatives of the Literary Societies.
June 1.....	Commencement Day—Addresses before the University—Announcements of Degrees conferred by the University.
July 11 & 12.....	Examinations of Candidates for Matriculation.
" 13.....	Beginning of the First Term.
Dec. 7.....	End of the First Term.
1877.	
Jan. 11.....	Beginning of the Second Term.

TRUSTEES.

His Excellency CURTIS H. BROGDEN, President, *ex-officio*.
KEMP P. BATTLE, Esq., Secretary and Treasurer.

Term Expires Nov. 30, 1877.

Col. James S. Amis,.....Granville Co.
Rev. William C. Bowman,.....Mitchell Co.
Col. David M. Carter,.....Wake Co.
Col. David D. Coleman,.....Buncombe Co.
Dr. C. L. Cook,.....Wilkes Co.
William H. Day, Esq.,.....Halifax Co.
Dr. James L Dusenbury,.....Davidson Co.
William J. Ewing, Esq.,.....Montgomery Co.
Rufus Frazier, Esq.,.....Randolph Co.
Col. Forney George,.....Columbus Co.
Rev. Cushing B. Hassell,.....Martin Co.
William H. Johnston, Esq.,.....Edgecombe Co.
Paul B. Means, Esq.,.....Cabarrus Co.
Col. William L. Saunders,.....New Hanover Co.
Jno. H. Thorp, Esq.,.....Nash Co.
Rev. George B. Wetmore,.....Rowan Co.

Term Expires Nov. 30, 1879.

Hon. Mills L. Eure,.....Gates Co.
William F. Faircloth, Esq.,.....Wayne Co.
Col. John A. Gilmer,.....Guilford Co.
Hon. William A. Graham,.....Orange Co.
John F. Graves, Esq.,.....Surry Co.
G. H. Hamilton, Esq.,.....Ashe Co.
Hon. Louis Hilliard,.....Pitt Co.
Gen. John F. Hoke,.....Lincoln Co.
Col. John D. Hyman,.....Henderson Co.
Hon. John Manning,.....Chatham Co.
Dr. John McIver,.....Moore Co.
R. W. Millard, Esq.,.....Duplin Co.

Robert B Peebles, Esq.,.....Northampton Co.
Archibald Purcell, Esq.,.....Robeson Co.
Marmaduke S. Robbins, Esq.,.....Randolph Co.
William L. Twitty, Esq.,.....Rutherford Co.

Term Expires Nov. 30, 1881.

Hon. Joseph J. Davis,.....Franklin Co.
Rev. Benjamin S. Hardy,.....Greene Co.
Prof. J. DeBerniere Hooper,.....Orange Co.
Col. Edmund W. Jones,.....Caldwell Co.
Hon. John Kerr,.....Caswell Co.
James C. Marshall,.....Anson Co.
Col. William F Martin,.....Pasquotank Co
Hon Thomas D. McDowell,.....Bladen Co.
Rev. Neill McKay, DD.,.....Harnett Co.
Hon. Bartholomew F. Moore, LL. D.,.....Wake Co.
Col. Rufus L. Patterson,.....Forsythe Co.
Col. William B. Shaw,.....Currituck Co.
Col. Walter L. Steele,.....Richmond Co.
Col. Samuel McD. Tate,.....Burke Co.
H. Clay Thomas, Esq.,.....Davidson Co.
Joseph Williams, Esq.,.....Yadkin Co.

Term Expires Nov. 30, 1883.

Hon. William H. Battle,.....Wake Co.
Kemp P. Battle, Esq.,.....Wake Co.
Charles W. Broadfoot, Esq.,.....Cumberland Co.
Paul C. Cameron. Esq.,.....Orange Co.
E. Hayne Davis, Esq.,.....Iredell Co.
John E. Dugger, Esq.,.....Warren Co.
Maj. Scaton Gales,.....Wake Co.
Benjamin F. Grady, Esq.,.....Sampson Co.
James A. Graham, Esq.,.....Alamance Co.
Louis C. Latham, Esq.,.....Washington Co.
Hon. Matthias E. Manly,.....Craven Co.
William N. Mebane, Esq.,.....Rockingham Co.
Hon. Zebulon B. Vance,.....Mecklenburg Co.
Col. Samuel H. Walkup.....Union Co.
Rev. Calvin H. Wiley,.....Forsythe Co.
Patrick H. Winston, Jr.,.....Bertie Co.

EXECUTIVE COMMITTEE.

PAUL C. CAMERON, ESQ., CHAIRMAN.
HON. WILLIAM H. BATTLE,
KEMP P. BATTLE, ESQ.,
COL. DAVID M. CARTER,
MAJ. SEATON GALES,
HON. BARTHOLOMEW F. MOORE, LL. D.,
COL. WILLIAM L. SAUNDERS.

FACULTY.

Rev. CHARLES PHILLIPS, D. D., Chairman,
Professor of Mathematics.

J. DeBERNIERE HOOPER, A. M.,
Professor of Greek and French.

GEORGE TAYLOE WINSTON,
Adjunct Professor of Latin and German.

Rev. ADOLPHUS W. MANGUM,
Professor of Moral Philosophy and English Literature.

Rev. ALEXANDER FLETCHER REDD,
Professor of Physics and Chemistry,

RALPH HENRY GRAVES, B. Sc., C. and M. E.,
Professor of Engineering.

JOHN KIMBERLY, A. M.,
Professor of Agriculture.

Prof. GRAVES, *Librarian.*
Prof. Winston, *Secretary.*
ANDREW MICKLE, Esq., *Bursar.*

STUDENTS.

ABBREVIATIONS.

Cl.,—(Classical) denotes the studies required for the degree of B. A.
Sc.,—(Scientific) denotes the studies required for the degree of B. S.
Agr.,—(Agriculture) denotes studies required in College of Agriculture.
Opt.,—(Optional) denotes the studies selected from the several Colleges.
"Year" marks the degree of advancement in the studies.

NAME.	RESIDENCE,	STUDIES.	YEAR.
Arrington, Arthur,	Louisburg,	Cl.,	2
Askew, Charles Thompson,	Raleigh,	Opt.,	1
Baker, Julian Meredith,	Tarboro,	Sc.,	2
Barlow, Thaddeus Batts,	Tarboro,	Opt.,	1
Barrow, Frederick Proby,	Jackson,	Cl.,	1
Battle, Kemp Plummer, jr.,	Raleigh,	Cl.,	1
Bond, Charles,	Windsor,	Agr.,	1
Britt, George William,	Clinton,	Opt.,	1
Bynum, Edward Turner,	Tarboro,	Sc.,	1
Caldwell, Robert Ernest,	Greensboro,	Sc.,	1
Capel, Aaron William Elijah,	Richmond Co.,	Opt.,	2
Carter, Eugene Douglas,	Asheville,	Cl.,	2
Cherry, Jesse Glasgow,	Greenville,	Opt.,	1
Covington, Charles Coleman,	Wilmington,	Ag.,	1
Davis, Frederick,	Elizabeth City,	Opt.,	1
Davis, Robert Henry,	Louisburg,	Agr.,	1
Dillard, Richard, jr.,	Edenton,	Cl.,	2
Dobson, John Hamliu,	Rockford,	Cl.,	2
Englehard, Edward Benson,	Wilmington,	Opt.,	1
Faison, James Hicks,	Faison	Cl.,	2
Fearing, Woodson Bradford,	Elizabeth City,	Opt.,	1
Fremont, Frank Murray,	Wilmington,	Opt.,	3
Galloway, Charles Witcher,	Mt. Airy,	Cl.,	2
Griffin, Malachi Russell,	Elizabeth City,	Opt.,	1
Henderson, Richard Bullock,	Warrenton,	Cl.,	1
Hill, Edward J.,	Faison,	Cl.,	2
Hughes, Robert Harvey,	Orange Co.,	Cl.,	2
Hunter, Clifton Wheat,	Enfield,	Sc.,	1
James, Fernando Godfrey,	Greenville,	Sc.,	1

NAME.	RESIDENCE.	STUDIES.	YEAR.
Johnston, Julius	Ruffin,	Opt.,	2
Lewis, John Bryan	Raleigh,	Cl.,	2
Lloyd, Henry	Tarboro,	Opt,	1
Mallett, John	Chapel Hill,	Agr.,	1
Manning, James Smith	Pittsboro,	Cl.,	1
Manning, John Moore	Pittsboro,	Cl,	1
Maynard, Ernest Patrick	Morrisville,	Opt.,	1
McCorkle, George	Newton,	Cl,	2
McKay, Neill, Jr,	Summerville,	Agr.,	1
McKay, Prentys	Summerville,	Agr,	1
McNeill, Thomas Irby	Cheraw, S. C.,	Cl.,	2
Merritt, Rufus Grant	Pittsboro,	Agr.,	1
Moore, Van Boddie	Raleigh,	Opt,	2
Nicholson, James Mann	Enfield,	Cl.,	2
Nixon, enry Barber	Perquimans Co.,	Agr.,	1
Nixon, James Whedbee	Perquimans Co.,	Agr.,	1
Parker, Romulus Bragg,	Enfield,	Opt.,	1
Payne, Robert Lee,	Lexington,	Opt.,	3
Peele, William Joseph,	Jackson,	Cl.,	1
Phillips, William Battle	Chapel Hill,	Opt.,	3
Powell, Joseph Clay,	Tarboro,	Sc,	2
Sawyer, Jo n Heywood,	Elizabeth City,	Opt,	1
Sherrod, John Henry,	Hamilton,	Agr,	1
Sloan, Henry,	Sampson Co.,	Cl.,	3
Spears, enry Turner,	Lillington,	Sc.,	1
Stanback, David Chandler,	Richmond Co.,	Opt.,	1
Staton, James Roderick,	Tarbo o,	Cl.,	1
Steele, Edwin Douglas,	Greensboro,	Sc.,	1
Stubbs, Harry Williams,	Williamston,	Cl.,	1
Taylor, Isaac Montrose,	Chapel Hill,	Cl.,	1
Taylor, James Cole,	Chapel Hill,	Sc.,	2
Thompson, Oscar Gard,	Wilmington,	Opt.,	2
Troy, John Clark,	Fayetteville,	Opt.,	1
Vance, David Mitchell,	Charlotte,	Opt.,	2
Vaughan, Latimer Clark,	Warrenton,	Cl.,	1
Vines, Charles Carson,	Edgecombe Co.,	Opt.,	1
Watkins, Henry Thomas,	Henderson,	Cl.,	2
Winston, Francis Donnell,	Windsor,	Cl.,	1
Winston, Robert Watson.	Windsor,	Cl.,	1
Yarboro, Fenner,	Louisburg,	Opt.,	1

SUMMARIES.

Agricultural Students	10
Optional Students	24
Scientific Students	9
Classical Students	26
Total	69

North Carolina Students	68
South Carolina Students	1
Total	69

ORGANIZATION.

The University of North Carolina resumed its operations on the 6th of September, 1875. As reorganized, the institution is designed to hold the position and to do the work of a University. In the several Colleges which it embraces, it offers independent instruction in the different departments of knowledge. While thus meeting the requirements of various circumstances and of individual taste, the Trustees have grouped together several systems which experience indicates as adapted to the necessities of those who desire effective mental discipline, together with liberal culture. In the Classical, the Scientific, and the Agricultural and Mechanical Courses, large provision is made for the demands of business and professional life. The Optional Course enlarges the field of choice almost indefinitely.

GOVERNMENT.

The discipline of the institution is designed simply to restrain irregularities and excesses which conflict with the improvement of its members. The laws require faithful attention to duty and abstinence from everything that may interrupt or disturb study. Students will be required to observe the utmost decorum and courtesy towards each other at all times, and the practice of *hazing* will be rigorously suppressed.

No secret societies or clubs, other than the two well-known literary societies, (Dialectic and Philanthropic) will be allowed without the express permission of the Trustees of the University. The Faculty will remove from the University any student who is negligent of his duties, or exerts an evil influence on his fellows.

The administration of discipline is committed to the Faculty, who are charged collectively and individually with the maintenance of order.

RECITATIONS AND LECTURES.

Each student is required to attend three recitations or lectures daily, except on Saturday and Sunday, the former day being appropriated to the exercises of the two literary societies.

LITERARY SOCIETIES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is expected to

attaeh himself. The halls and libraries of these societies are eommodious and elegantly furnished. The libraries eontain each about six thousand volumes, ineluding history, biography, poetry, scienee, philosophy and the standard English and Amerieau Reviews and Magazines. Eaeh soeiety own many valuable busts and oil portraits, and a eonsiderable museum of curiosities and minerals.

The exereises of these soeieties and aeeess to their libraries are ranked among the most prominent advantages offered by the University.

RELIGIOUS SERVICES.

The students are expected to attend daily morning prayers in the University Chapel, the Sunday morning services in the several ehurehes in the village, and to prepare a portion of the Holy Scriptures for recitation on Sunday afternoon.

MUSEUMS AND LIBRARY.

The University has an extensive eollection of speeimens, both native and foreign, to illustrate the eourses of study in Mineralogy and Geology.

The Vienna Cabinet comprises some two thousand handsome speeimens collected from every quarter of the globe. The large eolleetion of ores, minerals and fossils made by the late Dr. Emmons, and given to the University by the State, will soon be arranged in a room espeeially adapted for its safety and exhibition.

The University library eontains about five thonsand volumes and two thousand pamphlets. It is espeeially useful to students of History and Language. Its Freneh and English editions of the Classics and of books illustrating Greek and Roman history, antiquities and mythology, are rare and valuable.

PRIZES FOR 1875--'76.

The Chemistry Prize.—A friend of the University offers a gold medal, worth $10, to the student who, after one year's study, shall pass the most meritorious written examination on General Chemistry.

The Latin Prize.—A friend of the University offers a gold medal, worth $10, to the student who after one year's study shall pass the most meritorious written examination on Latin Composition.

PRIZES FOR 1876--'77.

A friend of the University offers a first prize of $15 and a second prize of $10 to the two most meritorious students of Latin, among the first year students. The order of merit will be determined by

written examinations on the texts of Livy (Book I), and Cicero's De Senectute and on Latin composition.

EXPENSES FOR ONE TERM.

Tuition	$ 0 00		$30 00
Room rent and Servant hire	5 00		5 00
Washing	6 00	to	8 00
Board	40 00	to	62 50
Wood	6 00	to	8 00
Light	1 50	to	2 00
Books	5 00	to	8 00
	$93 50		$123 50

To these items must be added others which will be determined by the habits of the students themselves, viz: traveling expenses, clothing, furniture of room, pocket-money, and fees in one of the literary societies. Books and stationery will be furnished at New York retail prices.

The fees for tuition, room rent and servant hire, must be paid in advance. The Bursar will receive any funds sent for the benefit of a student and disburse them according to the directions of his parent or guardian.

REQUISITES FOR MATRICULATION.

For admission to the University, such preparation is required as may enable each student to pursue with advantage the course which he may select. As a rule, each matriculate must be sixteen years of age. Exceptions may be allowed at the discretion of the Faculty.

Applicants must bring with them certificates of good moral character, and of honorable dismission from the institutions with which they were last connected.

Examinations are required of those who desire to study Mathematics, Greek, Latin or English. Applicants are admitted without examination to the instruction given in other branches.

SCOPE OF EXAMINATIONS.

In Mathematics—Arithmetic, Algebra (through Equations of 2nd degree).

In Latin—Bingham's Grammar; Roman History, Geography and Mythology; Cæsar's Gallic War (4 books); Virgil's Æneid (5 books); Cicero (6 Orations). Instead of Cicero's Orations may be substituted Sallust's Jugurtha or Cataline, or 5 books of Ovid's Metamorphoses.

In Greek—Grammar (Goodwin's or Hadley's); Leighton's Greek Exercises; Xenophon's Anabasis (3 books); Homer's Iliad (2 books); Grecian History, Geography and Mythology.

In English—English Grammar; Modern History; Modern Geography.

Agricultural Students are examined on English and Mathematics, except Algebra. Classical Students are examined on all the studies above mentioned. Scientific Students on English and Mathematics. Optional students on such of the above as relate to the studies they select.

Applicants for admission to advanced standing will be examined on the studies completed by their respective classes before they joined them.

CERTIFICATES, DIPLOMAS AND DEGREES.

Certificates of Proficiency are given to those students who have completed a course of study lasting one year and have passed satisfactory examinations in the following branches: General Chemistry, Physics, Geology and Mineralogy, Natural History, Applied Mathematics, German, French, History, Logic and Rhetoric, Moral Philosophy and Metaphysics, Political Economy and Constitutional Law.

Certificates of Proficiency in the following branches are given after two years study and satisfactory examinations: Greek, Latin, Pure Mathematics, English, Analytical Chemistry.

Diplomas are given after three years study, and approved examinations on the following branches: Greek, Latin, Mathematics, Engineering.

The Degree of Bachelor of Arts is given to those students who have obtained the diplomas in Greek and Latin and the certificates in Pure Mathematics, English, German or French, General Chemistry, Physics, Geology and Mineralogy, History, Logic and Rhetoric, Moral Philosophy and Metaphysics, Political Economy and Constitutional Law.

The Degree of Bachelor of Science is given to the students who have obtained the diploma in Mathematics and the certificates in Analytical Chemistry, Physics, Natural History, French or German, English, Logic and Rhetoric, Geology and Mineralogy, Moral Philosophy and Metaphysics, Political Economy and Constitutional Law.

The Degree of Bachelor of Agriculture is given to those students who have completed the Agricultural Course.

COURSES OF STUDY.

The Faculty recommend to students three courses of study:

1. *The Classical Course*, requiring four years for its completion, and leading to the degree of Bachelor of Arts. This course is essentially the same as the one heretofore required at this institution. It includes two years' study, of Latin and Greek each, and one year's study of French or German.

THE STUDIES OF THE CLASSICAL COURSE.

First Year—Greek, Latin, Mathematics, Rhetoric, the Bible.

Second Year—Greek, Latin, Mathematics, Physics, the Bible.

Third Year—Chemistry, German or French, Mechanics and Astronomy, Logic and Rhetoric, Modern History, the Bible.

Fourth Year—Political Economy, Constitutional Law, Geology, Mineralogy, Psychology, Moral Philosophy, English Literature, Orations, Essays and Criticisms of Authors.

2. *The Scientific Course*, requiring three years for its completion and leading to the degree of Bachelor of Science. This course contains neither Greek nor Latin. It requires a more extended study of the Sciences than the Classical Course.

THE STUDIES OF THE SCIENTIFIC COURSE.

First Year—Mathematics, Chemistry, Natural History, Rhetoric, the Bible.

Second Year—Mathematics, Physics, Draughting and Engineering, Modern History, the Bible.

Third Year—Astronomy, Mechanics, Geology, Mineralogy, Logic, Rhetoric, German or French, Political Economy, Constitutional Law, the Bible, *and one of the following:* Moral Philosophy and Metaphysics, Engineering, English Literature and Oratory.

3. *The Course in Agriculture*, requiring three years for its completion, and leading to the degree of Bachelor of Agriculture.

First Year—Chemistry, Natural History, Book-Keeping, Commercial Arithmetic, Algebra, Rhetoric, the Bible.

Second Year—Physics, Agriculture, Mathematics, Modern History, the Bible.

Third Year—Geology, Mineralogy, Agriculture, Mechanics, Astronomy, Surveying and Draughting, Mathematics, Constitutional Law, the Bible.

SCHEME OF RECITATIONS AND LECTURES, 1876-'77.

	8—9	9—10	10—11	11—12	12—1	2—3	3—4
MONDAY,	1st year Latin, 2nd year Math. 2nd year Engin'g	Nat. History. 2d year Latin. French.	Chemistry. English Lit.	1st year Math 1st year Engi'g. Geology.	1st year Rhetoric.	Agricul. Math. 2nd year Greek. 3rd year Latin.	Moral Phil.
TUESDAY,	1st year Latin. 2nd year Math, Modern History.	Nat. History. 2d year Latin. French.	Chemistry. English Lit.	1st year Math. 1st year Engi'g. Geology	1st year Greek. Astronomy.	Agricul. Math. 2nd year Greek. 3rd year Latin.	2nd year Agri. Moral Phil.
WED'NDAY,	1st year Latin. 2nd year Math. Modern History. 3rd year Engin'g.	Nat. History. 2d year Latin. 2d year Eng'g	Chemistry. English Lit.	1st year Math. 1st year Engi'g.	1st year Greek. Physics.	Agricul. Math. German.	2nd year Agri. 3rd year Greek. Polit. Econ.
THURSDAY,	1st year Latin, 2nd year Math. Modern History. 3rd year Engin'g.	Nat. History. 2d year Eng'g.	Logic.	1st year Math. 1st year Engi'g, 3d year Agricul.	1st year Greek. Physics.	Agricul. Math. 2nd year Greek. German,	2nd year Agri. 3rd year Greek. Polit. Econ.
FRIDAY.	1st year Rhetoric. 3rd year Latin. 3rd year Engin'g.	Nat. History. 2d year Latin. French.	Logic.	1st year Math. 3d year Agricul.	1st year Greek. Physics. Astronomy.	Agricul. Math 2nd year Greek. German.	3rd year Greek. 2d year Agri. Polit. Econ.

COLLEGE OF MATHEMATICS.

FIRST YEAR.—*Four Recitations a week.*

First Term—Algebra.

Second Term—Geometry, plane and spherical.

SECOND YEAR.—*Four Recitations a week.*

First Term—Trigonometry, with applications in surveying, etc.

Second Term—Analytic Geometry and Calculus.

THIRD YEAR.—*Three Recitations a week.*

First Term—Mechanics.

Second Term—Astronomy.

COLLEGE OF LITERATURE.

SCHOOL OF GREEK.

FIRST YEAR.—*Four recitations a week.*

Herodotus, (books I and II,) Xenophon's Memorabilia, Homer's Iliad, (books III and IV.) Smith's History of Greece, Exercises.

SECOND YEAR.—*Four recitations a week.*

Demosthenes, Euripides, Plato.

Brown's Classical Literature.

Critical Lectures.

THIRD YEAR.—*Three recitations a week.*

Thucydides, Æschylus, Aristophanes, Schlegel's Lectures on the Drama.

Grammars—Goodwin's—Hadley's.

SCHOOL OF LATIN.

FIRST YEAR.—*Four recitations a week.*

First Term—Selections from Livy.

Second Term—Cicero's Essays and Letters, Horace's Odes and Epodes.

SECOND YEAR.—*Four recitations a week.*

First Term—Horace's Satires and Epistles.

Second Term—Tacitus' Agricola or Germania, Juvenal.

THIRD YEAR.—*Three recitations a week.*

First Term—Cicero's Orations or Dialogues, Plautus and Terence.

Second Term—Quintilian's Institutes, Virgil's Bucolics, Tacitus.

Grammars—Gildersleeve and Madvig.

Written translations of Latin into English and of English into Latin, with frequent written examinations, constitute a prominent feature of the course. During the first year, the instruction in Roman history and Latin composition is based on recitations from Merivale's General History of Rome, and from the second, third and fourth courses of Gildersleeve's Latin Exercise Book. The practice of rendering English into Latin is continued throughout the second year without a text book. During the third year, the student is exercised in reading Latin at sight.

Every final examination will include passages which have not been read by the class.

SCHOOL OF MODERN LANGUAGES.

GERMAN.—*Three recitations a week.*

The instruction in German extends over one year, and comprises three recitations a week. After a few recitations from Whitney's Grammar on the forms of the language, the class commences reading. The Grammar is used in connection with the reading throughout the year. The object of the course is to enable the student to read German easily and fluently The books read are Hans Andersen's Maehrchen, Fouque's Undine, Schiller's Wilhelm Tell, Goethe's Herman and Dorothea.

FRENCH.—*Three recitations a week for one year.*

Bolmar's Grammar and Fables, Voltaire's Charles XII., Telemaque, Racine, Moliere, Corneille, Vericour's French Literature.

ENGLISH.—*First year. Two recitations a week.*

First Term—English Grammar, Composition and Elementary Rhetoric.

Second Term—Composition, Elementary Rhetoric and Elocution.

SECOND YEAR.—*Three recitations a week.*

First Term—English Language, Essays and Original Addresses.

Second Term—English Literature, Essays and Original Addresses.

COLLEGE OF PHILOSOPHY.

SCHOOL OF METAPHYSICS.

FIRST YEAR.—*Two recitations a week.*

First Term—Logic.

Second Term—Rhetoric.

SECOND YEAR.—*Two recitations a week.*

First Term.—Phychology.

Second Term - Moral Science.

SCHOOL OF HISTORY AND POLITICAL SCIENCE.

FIRST YEAR.—*Three recitations a week.*

First Term—History of U. S., and of N. C., Ancient History.

Second Term—Mediæval and Modern History.

SECOND YEAR.—*Three recitations a week.*

First Term.—Political Economy.

Second Term.—International and Constitutional Law.

COLLEGE OF NATURAL SCIENCE.

SCHOOL OF CHEMISTRY.

There are two courses in this school—the Lecture course and the Laboratory course. In the former, the class meets the Professor three times a week for ten months. The facts and principles of General Chemistry are presented in the following order. 1. Chemical Physics. 2. The Metalloids, their history and combination with each other. 3. The principles of Chemical Nomenclature, Symbols and Notation, the general principles of Chemical Philosophy. 4. The Metals, their history, combinations, salts, &c. 5. Organic Chemistry. Instruction is given by text-books and lectures, and illustrated by numerous experiments.

In the latter course, the class spends with the Professor four hours a week for ten months. Each student will pay fifteen dollars for the use of the apparatus and reagents required in Blow-Pipe and in Qualitative analysis. These two courses enable a student to determine qualitatively any unknown substance.

Text Books: Fowne's Chemistry, Fresenius' Qualitative Analysis. For reference—Miller's Chemistry.

SCHOOL OF APPLIED CHEMISTRY.

This course extends over two years. The first year's course is the same as that of General Chemistry. In the second year, three lectures a week are given on the principles and processes of the most important useful arts.

Quantitative Analysis is commenced and prosecuted until the student can determine quantitatively the constituents of any substance that may be presented to him. The Laboratory is open during the whole of each day for practice. In order that special training may be afforded to one purposing to become an Analytical Chemist, or a Physician, considerable latitude is permitted in the selection of subjects for analysis during the latter portion of the course.

Text Books: Wagner's Chemical Technology. For laboratory work – Fresenius' Quantitative Analysis.

SCHOOL OF PHYSICS.

The class in this school meets the Professor three times a week for ten months. The laws of force and motion are discussed, and the remainder of the course is occupied with Molecular Physics. Instruction is given by Text Books and lectures, and is illustrated fully by experiments.

Text Books: Deschanel's Natural Philosophy, Stewart on Heat, and Snowball's Mechanics.

COLLEGE OF ENGINEERING.

FIRST YEAR. – *Four hours a week.*

Theory and use of Engineering Instruments, Land Surveying, Levelling, Field practice, Orthogonal and Oblique Projections, Projections of Shades and Shadows, Projection of Maps, Drawing.

SECOND YEAR. – *Three hours a week*

Survey and location of Roads, Construction of Roads, Topography, Geodesy, Mechanics with applications to the Arch, Foundations, Retaining Walls, Strength of Materials, etc., etc. Perspective and Isometric Projections, Drawing.

In this College practice in the field and drawing room familiarizes the student with the subjects discussed in the recitation room.

THIRD YEAR. – *Three hours a week.*

Structures of Wood, of Stone and of Metal; Stability of Structures; Building Materials, Bridge Construction, Drawing.

COLLEGE OF AGRICULTURE

SCHOOL OF NATURAL HISTORY.

The instruction given in this school embraces the following subjects: Vegetable Physiology, Botany, Practical Agriculture, Meteorology, Entomology, Zoology, Horticulture, Stock and Dairy Farming, Human Physiology, History, Feeding and Care of Domestic Animals, Physical Geography.

SCHOOL OF CHEMISTRY.

In this School instruction is given in Agricultural Chemistry.

The course of instruction is arranged for three years, but provision is made to instruct students for a longer or shorter period, and in such branches as they may elect.

Instruction will be given largely by lectures, not only by the resident Professors, but by practical farmers, who have devoted time, study and attention to certain specialties.

As soon as the means at the command of the Trustees will admit, arrangements will be made to give the students in this department efficient practical instruction in all matters pertaining to the farm.

The degree of Bachelor of Agriculture will be conferred at the end of three year's course, upon those students who by proper diligence have qualified themselves to pass the several examinations.

SCHOOL OF MILITARY TACTICS.

The Legislature of North Carolina has bestowed upon the University the income arising from the fund which represents the land granted by the Congress of the United States for instruction in Agriculture, the Mechanic Arts, &c. In obedience to the Act making that grant instruction in Military Tactics, will be offered to all the students designated by that Act, and to others who may join them.

Text book—Upton's Infantry Tactics.